REMARKS

The following remarks are responsive to the Office Action dated July 18, 2005. The

Applicant respectfully requests entry of this Response, favorable reconsideration of this case, and

early issuance of a Notice of Allowance.

Election of Species

In the Office Action dated July 18, 2005, the Examiner indicated that claims 1 and 11 are

generic claims and that the application includes claims directed to the following four (4)

patentably distinct species.

> Species I.........The embodiment where the proximity sensor is an inductive device.
>
> (Readable on claims 3 and 13).
>
> Species II........The embodiment where the proximity sensor is a capacitive device.
>
> (Readable on claims 4 and 14).
>
> Species III ......The embodiment where the proximity sensor is a photoelectric device.
>
> (Readable on claims 5 and 15).
>
> Species IV ......The embodiment where the proximity sensor is an ultrasonic device.
>
> (Readable on claims 6 and 16).

In response to this species election requirement, the Applicant elects Species I for

prosecution on the merits.

Furthermore, the Applicant traverses this election requirement and respectfully submits

that the subject matter of the species claims are not patentably distinct and the Examiner may

search those claims together. The classification of claims 3-6 and 13-16 will be identical. Thus,

a search of all the pending claims will not impose any burden on the Examiner because a search

of the elected species I will also encompass a search of non-elected species II, III and IV.

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Application Serial Number: 10/804,140   Docket Number: 37356-195204
1.111 Response dated September 19, 2005
Reply to Office Action dated July 18, 2005

AUTHORIZATION

The undersigned hereby authorizes the Commissioner to charge all required fees, fees

under 37 C.F.R. §§ 1.16 and 1.17, or all required extension of time fees for this paper to Deposit

Account Number 50-0573.

Respectfully submitted,
MICHAEL C. WEBB

Kenneth P. Waszkiewicz
Registration Number: 45,724
DRINKER BIDDLE & REATH, LLP
1500 K Street, N.W., Suite 1100
Washington, D.C. 20005-1209
(202) 842-8823 – phone
(202) 842-8465 – fax

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